

## Product Datasheet

### TRAP-6 (orb1299649)

<b>Catalog Number</b>	orb1299649
<b>Category</b>	Small Molecules
<b>Description</b>	TRAP-6 (Thrombin Receptor Activator Peptide 6)(2TFA) is a selective agonist for Protease-Activated Receptor 1 (PAR1). It is widely used in cardiovascular and thrombosis research to study platelet activation and endothelial cell signaling in both in vitro and in vivo experimental models.
<b>Target</b>	Protease-activated Receptor
<b>Purity</b>	>99.99% (May vary between batches)
<b>MW</b>	748.87
<b>Target Areas</b>	Protease-activated Receptor
<b>Solubility (25°C)</b>	DMSO:252.5 mg/mL (337.17 mM);H2O:33.33 mg/mL (44.51 mM)
<b>CAS Number</b>	141136-83-6
<b>Formula</b>	C <sub>34</sub> H <sub>56</sub> N <sub>10</sub> O <sub>9</sub>
<b>SMILES</b>	<chem>CC(C)C[C@H](NC(=O)[C@H](CC(C)C)NC(=O)[C@H](Cc1cccc1)NC(=O)[C@@H](N)CO)C(=O)N[C@@H](CCCNC(N)=N)C(=O)N[C@@H](CC(N)=O)C(O)=O</chem>
<b>Storage</b>	keep away from moisture   Powder: -20°C for 3 years   In solvent: -80°C for 1 year   Shipping with blue ice/Shipping at ambient temperature.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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